

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2447	(370/206-210).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 07:23
S2	2769	(370/329-330).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:39
S3	357	(370/334).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:39
S4	912	(370/343-344).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:39
S5	1	10/562620	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:13
S6	952	(455/101).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:42
S10	207	((long near2 train\$3 near2 symbol\$1) or (short near2 train\$3 near2 symbol\$1) or (guard near2 symbol\$1) near2(antenna diversity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:04
S11	70	S10 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:05
S17	1	10/562619	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:38

S18	4	10/249557	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:30
S26	952	(455/101).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:16
S27	18	S26 and (mimo or siso) with (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:14
S28	691	(455/103).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:16
S29	191	(455/112).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:16
S33	13	((ROBERT) near2 (KOPMEINERS)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/06/09 14:08
S34	10	((TIM) near2 (SCHENK)). INV.	US-PGPUB; USPAT	ADJ	ON	2008/06/09 14:08
S35	17	(send\$3 or transmitt\$3) with (long near2 train\$3) with (symbol) with (legacy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 14:11
S37	216	(send\$3 or transmitt\$3 or forward\$3) same (long near2 train\$3) same (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 14:37
S38	18	S37 and (legacy near2 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 14:38
S39	46	S37 and (legacy) near2 (symbol or preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 14:43

S40	51	S37 and (legacy) with (symbol or preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 14:53
S41	14	"455"/\$.ccls. and (send\$3 or transmitt\$3) with (long near2 train\$3) with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 15:08
S42	2	"20060251193"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/10 09:15
S43	3	("2006/0251193").URPN.	USPAT	ADJ	ON	2008/06/10 09:16
S44	3	("20040136464"   "20050018750"   "20060251193").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/10 09:17
S45	1	("2005/0035885").URPN.	USPAT	ADJ	ON	2008/06/10 09:22
S46	1	("2005/0035885").URPN.	USPAT	ADJ	ON	2008/06/10 09:22
S47	2667	(370/206-210).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/11 11:26
S48	1	S47 and (transmit\$4 or send\$3) with (preamble) with (long near2 symbol)with (signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/11 11:27
S49	32	(long near2 symbol) same (guard near2 interval) same (signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/11 11:29
S50	13	((ROBERT) near2 (KOPMEINERS)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/06/11 11:37
S51	10	((TIM) near2 (SCHENK)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/06/11 11:37
S52	10	((ALLERT) near2 (ZELST)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/06/11 11:38
S53	227	((long near2 train\$3 near2 symbol\$1) or (short near2 train\$3 near2 symbol\$1) or (guard near2 symbol\$1) near2(antenna diversity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:34

S54	0	S53 and (stor\$3 or memory or buff\$4) with (phase near2 shift) with (rotat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:34
S55	134	(stor\$3 or memory or buff \$4) with (phase near2 shift) with (rotat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:35
S56	0	S55 and((long near2 train\$3 near2 symbol\$1) or (short near2 train\$3 near2 symbol \$1) or (guard near2 symbol \$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:36
S57	0	S55 and((long near2 train\$3 near2 symbol\$1) or (short near2 train\$3 near2 symbol \$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:36
S58	0	S55 and(long near2 train\$3 near2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:36
S59	0	S55 and (train\$3 near2 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:37
S60	32	(long near2 symbol) same (guard near2 interval) same (signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:38
S61	18	S60 and (stor\$3 or memory of buff\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 10:38
S62	1	(stor\$3 or buffer\$3) same (long near2 train\$3) near2 (symbol) with (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 11:05
S63	1	(stor\$3 or buffer\$3 or memory or queu\$3) same (long near2 train\$3) near2 (symbol) with (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 11:06

S64	2	(stor\$3 or buffer\$3 or memory or queu\$3) same (long near2 train\$3) same (symbol) same(phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/17 11:06
S65	2829	(370/206-210).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:17
S66	3543	(370/329-330).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:17
S67	423	(370/334).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:17
S68	1086	(370/343-344).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:17
S69	243	((long near2 train\$3 near2 symbol\$1) or (short near2 train\$3 near2 symbol\$1) or (guard near2 symbol\$1) near2(antenna diversity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:17
S70	121	S69 and (preamble same (long near2 train\$3))with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:18
S71	38	S70 and (legacy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:19
S72	5	10/820440	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 14:56
S73	121	S69 and (preamble same (long near2 train\$3))with (symbol or additional or extra)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 15:06

S74	59	S73 and (legacy or (IEEE near2 "802.11g") or (IEEE nea2 "802.11a"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 15:08
S75	2	"7436895".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 16:10
S76	8	S73 and (duration or length) with (defer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 16:23
S77	8	S73 and (duration or length) same (defer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 16:26
S80	2	"20040111519"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 18:32
S81	2	"6131120".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 18:34
S82	3	"20050013280"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 18:37
S83	4	("20050186981" or "20040248608")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 09:58
S84	13	((ROBERT) near2 (KOPMEINERS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/09/01 12:27
S85	12	((TIM) near2 (SCHENK)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/09/01 12:27
S86	13	((ALLERT) near2 (ZELST)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/09/01 12:27
S87	3098	(370/206-210).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 12:56

S88	4407	(370/329-330).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 12:56
S89	16	(long or short) with (train\$3 near2 (symbol or sequence)) with (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 12:57
S90	68	(long or short) same(train\$3 near2 (symbol or sequence)) same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 13:09
S91	14	S87 and(long or short) same (train\$3 near2 (symbol or sequence))same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:03
S92	0	S88 and(long or short) same (train\$3 near2 (symbol or sequence))same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:16
S93	0	S88 and(long) with(train\$3 near2 (symbol or sequence)) same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:16
S94	11	S87 and(long) with(train\$3 near2 (symbol or sequence)) same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:16
S95	43	(long) with(train\$3 near2 (symbol or sequence))same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:18
S96	1403	(375/345).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:37
S97	4	S96 and(train\$3 near2 (symbol or sequence))same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:37

S98	1200	(455/101).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:38
S99	12	S98 and(train\$3 near2 (symbol or sequence))same (phase near2 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 14:39
S100	28	(stor\$3 or buffer\$3 or queu \$3) with (long near2 train\$3) with (symbol or sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 15:33
S101	106	(phase adj shift)with (orthogonality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 16:52
S102	7	S101 and (train\$3 near2 symbols)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 16:52
S103	562	((phase adj shift)near2 (orthogonal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 16:59
S104	9	S103 and (train\$3 near2 symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/01 17:00
S105	562	(phase adj shift)near2 (orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 08:27
S106	4	S105 and (train\$3 near2 (symbol or sequence))with (mimo or siso)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 08:29
S107	25	S105 and (train\$3 near2 (symbol or sequence))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 08:31



S113	3	"20050141407"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 08:45
S114	5	("2005/0141407").URPN.	USPAT	ADJ	ON	2009/09/02 08:46
S115	2	"6473506".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 08:47
S117	0	(mimo or parallel near2 (antenna or transmitter)) with (SPTDD or STDD)with (phase or phasor or phaser or rotator or rotat\$3 or rotation or derotator or shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:15
S118	0	(mimo or parallel near2 (antenna or transmitter)) same(SPTDD or STDD)same (phase or phasor or phaser or rotator or rotat\$3 or rotation or derotator or shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:15
S119	519	(mimo or parallel near2 (antenna or transmitter)) with (train\$3 or train\$3 near2 (sequence or symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:16
S120	298	(mimo or parallel near2 (antenna or transmitter)) with (train\$3 near2 (sequence or symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:16
S121	0	S120 and (SPTDD or STDD) same (phase or phasor or phaser or rotator or rotat\$3 or rotation or derotator or shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:16
S122	214	S120 and (phase or phasor or phaser or rotator or rotat \$3 or rotation or derotator or shift with (orthogol\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:17
S123	0	("2009/0122882").URPN.	USPAT	ADJ	ON	2009/09/02 12:36
S124	0	("2009/0122882").URPN.	USPAT	ADJ	ON	2009/09/02 12:36

S125	143	(phase adj (shift or rotation or rotat\$3 or rotator or derotator))with (orthogonality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 14:33
S126	157	(phase near2(shift or rotation or rotat\$3 or rotator or derotator))with (orthogonality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 14:34
S127	4	S126 and (train\$3 near2 (symbol or sequence or tone))with (mimo or parallel near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 14:34
S128	19	S126 and (train\$3 near2 (symbol or sequence or tone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 14:35
S129	29	S126 and (mimo or parallel near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 14:41
S130	3754	(phase adj (shift or rotation or rotat\$3 or rotator or derotator))with (orthogonal \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 16:36
S131	9	S130 and (train\$3 near2 (symbol or sequence))with (mimo or parallel near2 (transmitter or antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 16:37
S132	169	S130 and (train\$3 near2 (symbol or sequence))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 16:39
S133	158	(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3)) with (orthogonality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 09:30
S134	86	S133 and (parallel or mimo near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 09:31

S135	6	S133 and (long near2 train \$3)with (sequence or symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 10:02
S136	2	S133 and (long near2 train \$3)with (sequence or symbol)with (orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 10:03
S137	2	S133 and (long near2 train \$3)same(sequence or symbol)same (orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 10:03
S138	135	(long near2 train\$3)same (sequence or symbol)same (orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 10:03
S139	2	S138 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))with (orthogonality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 10:04
S140	55	S138 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/04 10:32
S141	27	(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3)) with (long near2 (sequence or train\$3))with (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:02
S142	2	"6888899".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:48
S143	67	(parallel or mimo or diversity near2 (antenna))same (long near2 (sequence or train\$3)) near3 (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:12
S144	31	S143 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:13

S145	5	S143 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))with (orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 16:09
S146	1155	(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3)) near3(orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 16:10
S147	10	S146 and (long near2 (sequence or train\$3)) near3 (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 16:11
S148	44	S146 and (long near2 (sequence or train\$3 or symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 16:12
S149	3	"20050141407"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 16:55
S150	661	(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3)) near2(orthogonal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:22
S151	377	S150 and (mimo or parallel or diversity near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:23
S152	6	S151 and (long near2 (sequence or train\$3)) near3 (symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:24
S153	69	(long near2 (sequence or train\$3)) near3 (symbol) same(mimo or parallel or diversity near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:26
S154	454	(long near2 (sequence or train\$3)) near3 (symbol)and (mimo or parallel or diversity near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:27

S155	6	S154 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))near2(orthogonal \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:27
S156	1040	(train\$3 near2 (sequence or symbol))same(mimo or parallel or diversity near2 (antenna or transmitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:31
S157	8	S156 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))near2(orthogonal \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 09:31
S158	127	S156 and ((reverse near2 polarity)or (complex near2 conjugate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 10:18
S159	4	S158 and(phase near2(shift or rotation or rotat\$3 or rotator or derotator or derotat\$3))near2(orthogonal \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 10:19
S160	0	(phase adj (shift\$3 offset off-set))same (train\$4) and OFDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 10:59
S161	0	(phase adj (shift\$3 offset off-set))near3 (train\$4) and OFDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 10:59
S162	0	phase adj (shift\$3 offset off-set)near3 (train\$4) and OFDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 10:59
S163	42	phase adj (shift\$3 or offset or off-set)near3 (train\$4) and OFDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 10:59
S164	250	phase adj (shift\$3 offset off-set)same (train\$4) and OFDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 11:08

S165	88	phase adj (shift\$3 offset off-set)same train\$4 and OFDM and @ad< "20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 11:08
S166	11	("20030016621" or "20030058966" or "20040076246" or "20030072382")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/22 11:22
S167	8	S166 and phase adj (shift\$3 offset off-set)same (train\$4) and OFDM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 11:24

**9/ 22/ 2009 3:50:05 PM**

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